


DEEP CYCLE BATTERIES

HEAVY PLATE CONSTRUCTION

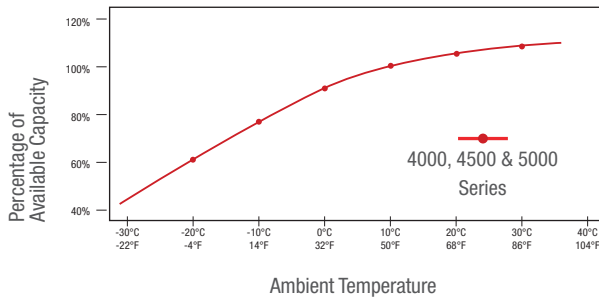
Our rugged positive plates are the thickest in the industry and pasted at the highest density. Coupling with enveloped separators creates increased liquid reserve - creating a lower maintenance, longer cycling battery.

RECYCLING WITH **NEWALTA**

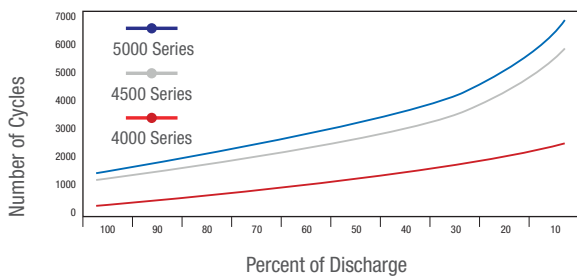
Through a “green” partnership with Newalta, operator of Canada’s largest integrated lead recycling facility, Surrette Battery Company has further reduced our environmental impact through recovery and recycling of Rolls battery products distributed in Canada. As a result of programs like this, lead-acid batteries have the highest recycling rate of any consumer product - a whopping 97%.

- All Nova PB-brand lead provided to Surrette from Newalta for battery production is 100% recycled. 
- Thanks in part to its battery recycling program, in conjunction with Newalta, Rolls batteries contain over 60% fully recycled lead content.

CAPACITY VS. TEMPERATURE



CYCLE LIFE VS. DEPTH OF DISCHARGE



RENEWABLE ENERGY



Technical Support
1.800.681.9914 | support@rollsbattery.com

Rolls battery products are exclusively
manufactured by Surrette Battery Company

Surrette
BATTERY COMPANY LIMITED

Rolls
BATTERY ENGINEERING

ROLLSBATTERY.COM

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Rolls

BATTERY ENGINEERING



Superior Cycling | Dual-Container Construction
Widest Range of Specs | Largest Liquid Reserves
Easiest to Install | Longest Life Span | Premium Warranties

4000 & 4500 SERIES

Our most popular models are based on the well recognized L-16, group 24 and 27 sizes with improved capacity, liquid reserve (up to 2.75") and cycle life.

FEATURES

- Heavy plate construction
- Industry's leading liquid reserve
- 7 year warranty
- 12 year average life
- Unsurpassed cycling

*4500 Series – 15 year average life



6 Volt:
FC-420, S-480, S-550, S-605, S-500EX



2 Volt:
S-1380, S-1590, S-1725, S-1400EX

	4000 Series Model	Warranty	20 HR RATE	100 HR RATE	Length Inch/cm	Width Inch/cm	Height Inch/cm	Weight (wet) lbs/kg
2-Volt 1 Cell	S-1450	7 YEAR	1050	1397	12 1/2" 31.75cm	7 1/8" 18.10cm	16 3/4" 42.55cm	120lbs 54.43kg
	S-1660	7 YEAR	1200	1596	12 1/2" 31.75cm	7 1/8" 18.10cm	16 3/4" 42.55cm	127lbs 57.61kg
	S-1800	7 YEAR	1300	1729	12 1/2" 31.75cm	7 1/8" 18.10cm	16 3/4" 42.55cm	131lbs 59.42kg
6-Volt 3 Cell	S-290	7 YEAR	220	290	10 3/16" 25.88cm	7 1/8" 18.10cm	11" 27.94cm	69lbs 30.84kg
	S-330	7 YEAR	250	330	10 3/16" 25.88cm	7 1/8" 18.10cm	11 2/5" 28.96cm	79lbs 35.83kg
	FC-420	7 YEAR	315	419	12 1/2" 31.75cm	7 1/8" 18.10cm	16 3/4" 42.55cm	114lbs 51.70kg
	S-480	7 YEAR	375	486	12 1/2" 31.75cm	7 1/8" 18.10cm	16 3/4" 42.55cm	113lbs 51.26kg
	S-550	7 YEAR	428	554	12 1/2" 31.75cm	7 1/8" 18.10cm	16 3/4" 42.55cm	123lbs 55.79kg
	S-605	7 YEAR	468	605	12 1/2" 31.75cm	7 1/8" 18.10cm	16 3/4" 42.55cm	125lbs 56.70kg
	6 HHG 31P	7 YEAR	344	458	20 3/4" 52.71cm	8" 20.32cm	11 7/8" 30.16cm	125lbs 56.70kg
6-Volt 3 Cell	6 EHG 31P	7 YEAR	410	545	20 3/4" 52.71cm	8" 20.32cm	12 3/4" 32.39cm	133lbs 60.33kg
	8 HHG 31P	7 YEAR	344	458	27" 68.58cm	8" 20.32cm	11 7/8" 30.16cm	167lbs 75.75kg
8-Volt 4 Cell	8 EHG 31P	7 YEAR	410	545	27" 68.58cm	8" 20.32cm	12 3/4" 32.39cm	178lbs 80.74kg
	24 M 85	7 YEAR	85	115	11" 27.60cm	6 3/4" 17.10cm	9 3/8" 23.80cm	46lbs 20.87kg
12-Volt 6 Cell	27 M 105	7 YEAR	105	120	12 5/8" 32.39cm	6 3/4" 17.10cm	9 3/8" 23.80cm	54lbs 24.49kg
	31 M 120	7 YEAR	120	160	13" 32.10cm	6 3/4" 17.10cm	9 3/8" 23.80cm	60lbs 27.20kg
	T12 250	7 YEAR	200	266	15 3/8" 39.05cm	7" 17.78cm	14 3/8" 36.51cm	125lbs 56.70kg

All capacities based on specific gravities of 1.280. Reduce capacities 5% for 1.265 specific gravity and 10% for specific gravities of 1.250

5000 SERIES

Our unique battery design features dual container construction. Each cell is self-contained in a high temperature-retardant, durable polypropylene case. The outer container is made of high-density unbreakable polyethylene, providing double protection from breakage and acid leakage. Cell replacement is clear and concise with bolt-on connectors, allowing the battery to be assembled or repaired on location.

FEATURES

- Widest range of specifications available
- Computer controlled formation
- Modular dual container construction
- Robotically welded
- 10 year warranty
- 15 year average life
- Load and capacity tested prior to shipping (wet charge only)



Dual container construction



2 Volt:
2 KS 33P

	4500 Series Model	Warranty	20 HR RATE	100 HR RATE	Length Inch/cm	Width Inch/cm	Height Inch/cm	Weight (wet) lbs/kg
2-Volt 1 Cell	S-1400EX	7 YEAR	1000	1408	12 1/2" 31.75cm	7 1/8" 18.10cm	16 3/4" 42.55cm	126lbs 47.5 kg
6-Volt 3 Cell	S-500EX	7 YEAR	357	504	12 1/2" 31.75cm	7 1/8" 18.10cm	16 3/4" 42.55cm	130lbs 58.97kg

All capacities based on specific gravities of 1.280. Reduce capacities 5% for 1.265 specific gravity and 10% for specific gravities of 1.250

	5000 Series Model	Warranty	20 HR RATE	100 HR RATE	Length Inch/cm	Width Inch/cm	Height Inch/cm	Weight (wet) lbs/kg
2-Volt	2 KS 33P	10 YEAR	1766	2490	15 7/16" 39.21cm	8 5/16" 21.11cm	24 13/16" 63.02cm	208lbs 94.35kg
	2 OS 33P	10 YEAR	1880	2655	15 7/16" 39.21cm	8 5/16" 21.11cm	24 13/16" 63.02cm	222lbs 100.70kg
2-Volt	2 YS 31P	10 YEAR	2430	3426	15 1/2" 39.37cm	9" 22.86cm	31 5/8" 80.33cm	285lbs 129.27kg
	4 CS 17P	10 YEAR	546	770	14 3/8" 36.51cm	8 1/4" 20.96cm	18 1/4" 46.36cm	128lbs 58.06kg
4-Volt	4 KS 21P	10 YEAR	1104	1557	15 3/4" 40.01cm	9 3/8" 23.81cm	24 3/4" 62.87cm	267lbs 121.11kg
	4 KS 25P	10 YEAR	1350	1904	15 3/4" 40.01cm	10 5/8" 26.99cm	24 3/4" 62.87cm	315lbs 142.88kg
4-Volt	4 KS 27P	10 YEAR	1460	2062	15 3/4" 40.01cm	10 5/8" 26.99cm	24 3/4" 62.87cm	339lbs 153.77kg
	6 CS 17P	10 YEAR	546	770	22" 55.88 cm	8 1/4" 20.96cm	18 1/4" 46.36 cm	211lbs 100.24kg
6-Volt	6 CS 21P	10 YEAR	683	963	22" 55.88 cm	9 3/4" 24.77cm	18 1/4" 46.36 cm	271lbs 122.92kg
	6 CS 25P	10 YEAR	820	1156	22" 55.88 cm	11 1/4" 28.58cm	18 1/4" 46.36 cm	318lbs 144.24kg
6-Volt	6 CS 27P	10 YEAR	893	1253	22" 55.88 cm	11 1/4" 28.58cm	18 1/4" 46.36 cm	342lbs 155.13kg
	8 CS 17P	10 YEAR	546	770	28 1/4" 71.76cm	8 1/4" 20.96cm	18 1/4" 46.36cm	294lbs 133.36kg
8-Volt	8 CS 25P	10 YEAR	820	1156	28 1/4" 71.76cm	11 1/4" 28.58cm	18 1/4" 46.36cm	424lbs 192.32kg
	12-Volt	12 CS 11P	357	845	22" 55.88cm	28 1/4" 71.76cm	11 1/4" 28.58cm	272lbs 123.38kg

All capacities based on specific gravities of 1.280. Reduce capacities 5% for 1.265 specific gravity and 10% for specific gravities of 1.250

WARRANTY

We build one mean battery and we back them with comprehensive warranties that lead the industry in length of coverage. We're confident that our batteries will perform time after time, year after year. But should a problem arise, you can be confident that you're covered better than any other battery warranty in the business.

Surrette Battery Company, herein referred to as the Company, warrants that batteries sold by it are merchantable and free of defects in workmanship and material at the time they are shipped from the Company's factory.

In the event that the Company makes a drop shipment to a distributor's customer, that customer must be instructed to perform an inspection of the goods BEFORE signing the delivery slip. The Company is not responsible for damaged product reported after shipment has been signed "Received in Good Condition". NOTE: ALL SHIPMENTS SHOULD BE THOROUGHLY INSPECTED FOR DAMAGE BEFORE SIGNING THE DELIVERY SLIP.

The Company will replace or, at its option, repair any Rolls Battery sold by it that fails to conform to the warranty stated above on a NO CHARGE BASIS as follows:

4000 SERIES

Failure within 24 months from the date placed in service yields FREE REPLACEMENT, not including freight charges from the factory to the applicable destination. After the first 24 months of service, defective batteries will be adjusted for a period of up to 84 months, prorated from the date first in service at prices in effect at time of adjustment.

4500 SERIES

Failure within 36 months from the date placed in service yields FREE REPLACEMENT, not including freight charges from the factory to the applicable destination. After the first 36 months of service, defective batteries will be adjusted for a period of up to 84 months prorated from the date first in service at prices in effect at time of adjustment.

5000 SERIES

Failure within 36 months from the date placed in service yields FREE REPLACEMENT, not including freight charges from the factory to the applicable destination. After the first 36 months of service, defective batteries will be adjusted for a period of up to 120 months, prorated from the date first in service at prices in effect at time of adjustment. To claim a manufacturing warranty, proof of purchase must be presented, showing the date of purchase and the battery's serial number. The battery must be tested by an authorized battery outlet for actual defect, and upon confirmation of the defect, the warranty will be administered.

The warranty does not cover shipping damage, cracked covers, cracked cases, bulged cases from heat, freezing or explosion, discharged batteries, the use of undersized batteries damaged from electrical equipment. This warranty covers only manufacturing defects.

The Company makes no warranty with respect to its batteries other than the warranty stated above. All implied warranties of merchantability and all expressed and implied warranties of any other kind are hereby excluded.

